and respective decoration attributes about each of the displayable objects;

associating at least one of the definitions in the definition file with one of the displayable objects; and

creating the structured document from the output presentation in accordance with the at least one of the definitions being associated with the one of the displayable objects.

2. *(twice amended)* The method of claim 1 further comprising:

generating a modified output presentation that includes the displayable objects, each of the displayable objects being modified in accordance with the at least one of the definitions in the definition file.

3. *(once amended)* The method of claim 2 further comprising converting the output presentation to a markup language file in accordance with a set of mapping rules.

4. *(once amended)* The method of claim 1, wherein the definition file includes a structure for document elements, each corresponding to one of the displayable objects in the output presentation.

5. *(once amended)* The method of claim 4, wherein some of the document elements include another layer of sub-document elements, each of sub-document elements corresponds to one of the displayable objects in the output presentation.

6. *(no change)* The method of claim 4, wherein at least some of the document elements include respectively a number of identifiers, each of the identifiers being assigned to one of the at least some of the document elements.

7. *(no change)* The method of claim 6, wherein some of the identifiers are one or more of numerals and alphabets.

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8. (*once amended*) The method of claim 6, wherein some of the identifiers are selected from a group consisting of a font type, a color name, a size, a style, and an effect.

9. (*no change*) The method of claim 6, wherein the associating of the at least one of the definitions in the definition file comprises:
    selecting one of the displayable objects; and
    assigning one of the identifiers to the selected display object.

10. (*no change*) The method of claim 9, wherein the one of the identifiers is either a numeral or an alphabet.

11. (*no change*) The method of claim 10, wherein the one of the identifiers is one or more of (i) a font type, (ii) a color, (iii) a size, (iv) a style, and (v) an effect..

12. (*once amended*) The method of claim 1, wherein the output presentation is or is produced from an unstructured document that is composed, edited or managed by an authoring tool.

13. (*no change*) The method of claim 12, wherein some of the displayable objects are respective groups of characters.

14. (*no change*) The method of claim 13, wherein some of the decoration attributes include at least positions, font color, font size, font type, style, and effect for each of the groups of characters.

15. (*twice amended*) A method for producing a structured document, the method comprising:
    activating an environment including a first display and a second display, the first display displaying an output presentation and the second display displaying a definition file including document type definitions

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(DTD), wherein the an output presentation including a number of displayable objects being displayed and respective decoration attributes about each of the displayable objects, wherein each of the document type definitions includes an identifier;

forming a number of group objects, each of the group objects including one or more of the displayable objects; and

associating each of the group objects with the identifier in one of the document type definitions; and

creating the structured document from the output presentation in accordance with the at least one of the definitions being associated with the one of the displayable objects.

16. (*once amended*) The method of claim 15 further comprising generating a modified output presentation including information of each of the group objects being associated with the identifier in one of the document type definitions.

17. (*once amended*) The method of claim 16 further comprising:
    converting the modified output presentation to a markup language file in accordance with mapping rules.

18. (*no change*) The method of claim 17 wherein the markup language file is suitable for presentation on a selected media.

19. (*no change*) The method of claim 18 wherein the selected media is a web presentation on the Internet.

20. (*no change*) The method of claim 18 wherein the markup language file is based on a markup language selected from a group consisting of HyperText Markup Language (HTML), compact HyperText Markup Language (cHTML), Extensible Markup Language (XML), Standard Generalized Markup Language (SGML) or Wireless Markup Language (WML).

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21. (*no change*) The method of claim 15 wherein some of the decoration attributes include at least position, font type, color, size, style, and effect for each of the groups of characters.

22. (*no change*) The method of claim 21 wherein some of the displayable objects are respective groups of characters.

23. (*no change*) The method of claim 22, wherein the identifier is one or more of a numeral and an alphabet.

24. (*no change*) The method of claim 23, wherein the identifier is one or more of (i) a font type, (ii) a color, (iii) a size, (iv) a style, and (v) an effect.

25. (*twice amended*) A machine-readable medium embodying instructions for execution by a processor, the instructions, when executed by the processor, causing the processor to produce a structured document, the machine-readable medium comprising:

   program code for receiving a definition file including document type definitions (DTD);

   program code for displaying an output presentation along with the definition file, the output presentation including a number of displayable objects being displayed and respective decoration attributes about each of the displayable objects;

   program code for associating at least one of the definitions in the definition file with one of the displayable objects; and

   program code for creating the structured document from the output presentation in accordance with the at least one of the definitions being associated with the one of the displayable objects.

26. (*twice amended*) The machine-readable medium of claim 25 further comprising:

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program code for generating a modified output presentation that includes the displayable objects, each of the displayable objects being modified in accordance with the at least one of the definitions in the definition file.

27. (*once amended*) The machine-readable medium of claim 25 further comprising program code for converting the modified output presentation to a markup language file in accordance with a set of mapping rules.

28. (*once amended*) The machine-readable medium of claim 25, wherein the definition file includes a structure for document elements, each corresponding to one of the displayable objects in the output presentation.

29. (*once amended*) The machine-readable medium of claim 28, wherein some of the document elements include another layer of sub-document elements, each of sub-document elements corresponds to one of the displayable objects in the output presentation.

30. (*no change*) The machine-readable medium of claim 28, wherein at least some of the document elements include respectively a number of identifiers, each of the identifiers being assigned to one of the at least some of the document elements.

31. (*no change*) The machine-readable medium of claim 30, wherein some of the identifiers are one of either numerals or alphabets.

32. (*no change*) The machine-readable medium of claim 30, wherein some of the identifiers are selected from a group consisting of a font type, a color, a size, a style, and an effect.

33. (*no change*) The machine-readable medium of claim 30, wherein the associating of the at least one of the definitions in the definition file comprises:

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program code for selecting one of the displayable objects; and

program code for assigning one of the identifiers to the selected display object.

34. (*no change*) The machine-readable medium of claim 33, wherein the one of the identifiers is one or more of a numeral and an alphabet.

35. (*no change*) The machine-readable medium of claim 34, wherein the one of the identifiers is one or more of (i) a font type, (ii) a color, (iii) a size, (iv) a style, and (v) an effect.

36. (*once amended*) The machine-readable medium of claim 25, wherein the output presentation is or is generated from an unstructured document that is composed, edited or managed by an authoring tool.

37. (*no change*) The machine-readable medium of claim 36, wherein some of the displayable objects are respective groups of characters.

38. (*no change*) The machine-readable medium of claim 37, wherein some of the decoration attributes include at least position, font type, color, size, style, and effect for each of the groups of characters.

39. (*twice amended*) A machine-readable medium embodying instructions for execution by a processor, the instructions, when executed by the processor, causing the processor to produce a structured document, the machine-readable medium comprising:

program code for activating an environment including a first display and a second display, the first display displaying an output presentation and the second display displaying a definition file including document type definitions (DTD), wherein the output presentation including a number of displayable objects being displayed and respective decoration

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attributes about each of the displayable objects, and wherein each of the document type definitions includes an identifier;

program code for forming a number of group objects, each of the group objects including one or more of the displayable objects;

program code for associating each of the group objects with the identifier in one of the document type definitions; and

program code for creating the structured document from the output presentation in accordance with the at least one of the definitions being associated with the one of the displayable objects.

40. (once amended) The machine-readable medium of claim 39 further comprising program code for generating a modified output presentation including information of each of the group objects being associated with the identifier in one of the document type definitions .

41. (once amended) The machine-readable medium of claim 40 further comprising program code for converting the modified output presentation to a markup language file in accordance with mapping rules.

42. (no change) The method of claim 39 wherein some of the decoration attributes include at least position, font type, color, size, style, and effect for each of the groups of characters and wherein some of the displayable objects are respective groups of characters.

Remarks

Claims 1 - 42 are pending. The above amendments to the claims are believed to have made the claims more understandable and distinguishable from the cited references.

The Applicant appreciates an opportunity to discuss the claims with the Examiner and the Primary Examiner on March 28, 2002.

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